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To: "Phil Hailes" <Phil-H@ipsc.com>
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Subject: BURNER ELBOW QUESTIONS

Phil:

We are designing the distribution devices in the burner elbow and the following questions came up.

1 Our typical "X-vane" assembly will block the view of the 4" Roding port on the elbow.

My question is: do you use it. If you do we can accommodate it, but the design is simpler, and better, if we do not.

2 The "kicker" we install at the inlet to the elbow is a nitrogen bonded Silicon Carbide casting. The best way to install this piece is to remove the first row of tile in the elbow, install the Silicon Carbide casting, and replace the tile. The casting will be attached to a steel plate by T-head bolts, the plate welded to the elbow. After this is done new tile will be installed. ABT will supply precut tiles, and the bedding compound for the installation. Any reasonably component craftsman can install the tile following our instructions. We could also provide technical assistance/training, if you feel it is necessary.

A third non-related question is the T/C.

Your spec requires a cold junction- The Thermo-Electron spec sheet requires us to define the junction as grounded or ungrounded. Which do you require?

We really do need the answers to all three questions Wednesday, so we can finish the design this week and get materials on order.

Thank

Chuck Onaitis